

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1307532

Luminaire Tested: P3SQAS02R359030DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307532
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R359030DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

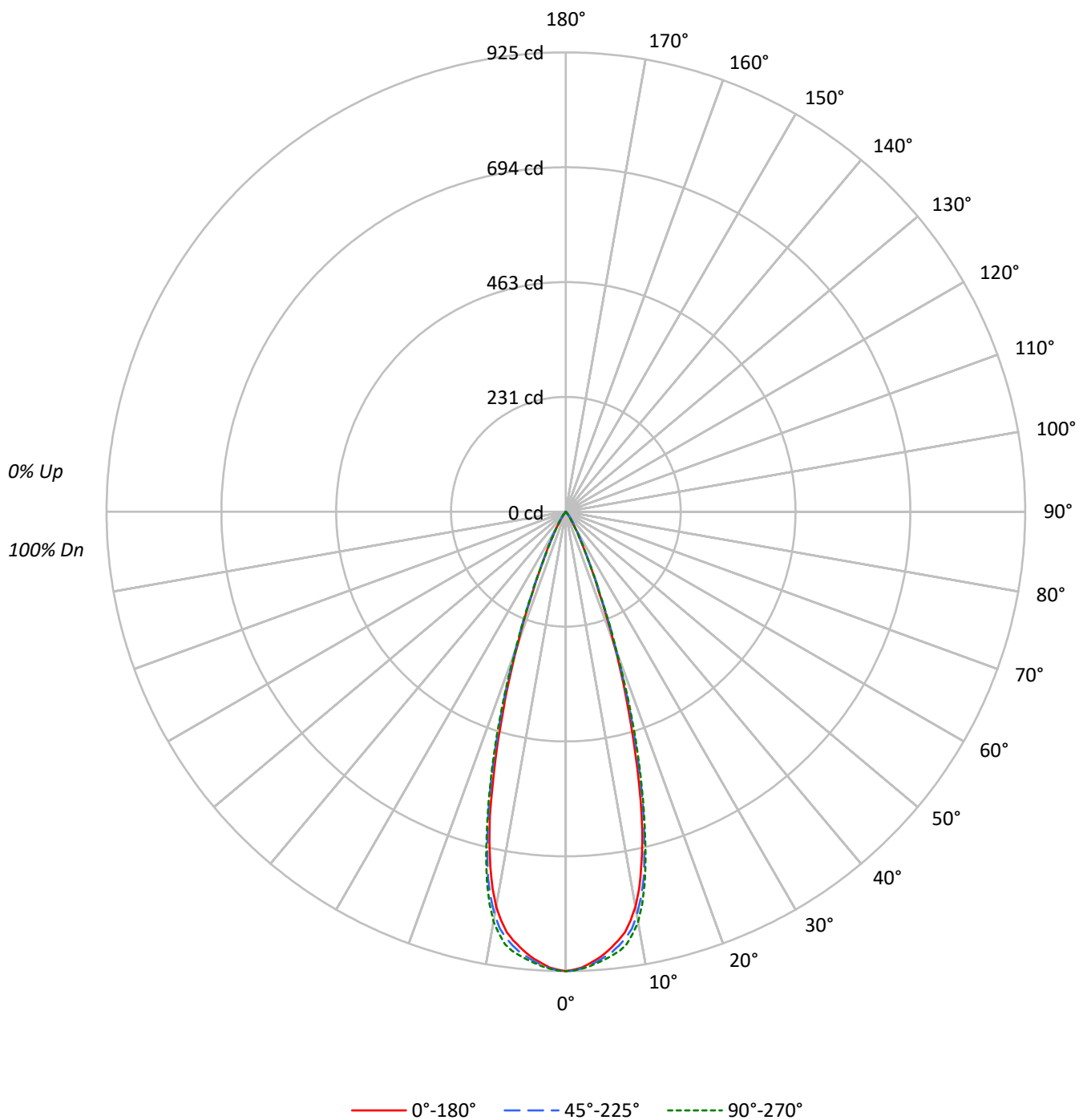
Lumens per Lamp: N/A
Luminaire Lumens: 308.0 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1307532

CATALOG NUMBER: P3SQAS02R359030DE010 E3SQCD1MB

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	109	113	111	109	107	107	105	104		103	102	101		100
2	111	107	104	102	109	106	103	100	102	100	98		100	98	96		97
3	107	102	99	96	105	101	98	95	99	96	94		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	91	88		92
5	100	94	90	87	99	93	90	87	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	83		88	84	82		86
7	94	88	83	80	93	87	83	80	86	82	80		85	82	79		84
8	91	85	80	77	91	84	80	77	83	80	77		82	79	77		81
9	89	82	78	75	88	81	77	75	81	77	74		80	77	74		79
10	86	79	75	72	85	79	75	72	78	75	72		78	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	159323	159323	159323
5°	154486	155575	156422
10°	141163	144153	146636
15°	101523	105963	106818
20°	51684	54286	54414
25°	19611	20029	19478
30°	7617	8830	7418
35°	2607	4100	2460
40°	877	1596	832
45°	49	536	49
50°	0	54	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 536 cd/sqm

TEST NUMBER: P1307532

CATALOG NUMBER: P3SQAS02R359030DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.7	27.2
10°-20°	156.0	50.7
20°-30°	56.1	18.2
30°-40°	10.9	3.6
40°-50°	1.2	0.4
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	295.8	96.1
0°-40°	306.8	99.6
0°-60°	308.0	100.0
0°-90°	308.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	308.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	925	925	925	925	925	
5°	894	896	900	904	905	83
15°	569	579	594	598	599	151
25°	103	104	105	105	102	54
35°	12	14	20	14	12	9
45°	0	1	2	1	0	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1307532

CATALOG NUMBER: P3SQAS02R359030DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	925.1	925.1	925.1	925.1	925.1
1°	922.4	923.6	923.8	925.5	923.6
2°	918.5	919.2	920.2	921.6	920.7
3°	910.9	912.4	914.6	916.5	916.5
4°	902.9	904.8	907.5	910.9	910.7
5°	893.6	896.0	899.9	904.1	904.8
6°	881.9	884.8	891.1	897.0	898.0
7°	869.4	873.8	879.9	888.5	890.7
8°	854.8	858.2	867.0	877.0	879.4
9°	833.3	838.5	849.7	858.9	860.4
10°	807.2	810.9	824.3	834.1	838.5
11°	773.6	778.9	792.1	802.1	805.0
12°	730.6	738.4	753.8	761.1	763.6
13°	684.3	690.9	702.8	711.8	713.8
14°	632.1	638.4	650.9	658.2	656.5
15°	569.4	578.9	594.3	598.4	599.1
17.5°	420.6	426.7	440.3	446.9	451.6
20°	282.0	287.9	296.2	300.5	296.9
22.5°	171.5	176.4	180.8	180.5	179.3
25°	103.2	104.2	105.4	104.7	102.5
27.5°	60.3	62.9	66.6	64.2	60.5
30°	38.3	40.5	44.4	40.3	37.3
32.5°	20.2	25.6	29.8	24.2	21.2
35°	12.4	14.1	19.5	14.4	11.7
37.5°	7.6	8.8	12.2	8.5	6.8
40°	3.9	5.6	7.1	5.1	3.7
42.5°	1.2	2.7	3.9	2.4	1.2
45°	0.2	0.7	2.2	0.7	0.2
47.5°	0.0	0.0	1.0	0.2	0.0
50°	0.0	0.0	0.2	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1307532

CATALOG NUMBER: P3SQAS02R359030DE010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)